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CLAIMS:

- 1. A method of data retrieval from a medium by a pick-up unit for non-real-time rendering of data stored on the medium by rendering non-contiguous fragments of data, characterized in that the method comprises the steps of:
- identifying a group of multiple fragments of data for rendering;
- 5 moving the pick-up unit to a location on the medium where the identified group of multiple fragments of data is stored;
 - selecting a fragment of data from the group of multiple fragments of data, the fragment of data being fastest retrievable by the pick-up unit; and
 - retrieving the selected fragment of data for rendering.

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- 2. A method as claimed in claim 1, wherein the data stored on the medium is a stream of audio-visual data.
- 3. A method as claimed in claim 1, wherein the data stored on the medium is a stream of audio data.
 - 4. A method as claimed in claim 1, wherein the medium is a disk-based memory.
- 5. A method as claimed in claim 4, wherein the disk-based memory is an optical 20 disk.
 - 6. A method as claimed in claim 4, wherein the data is stored in accordance with the Super Audio Compact Disc standard.
- 7. A method as claimed in claim 4, wherein the data is stored in accordance with the Digital Versatile Disc standard.
 - 8. A method as claimed in claim 2 or 3, wherein the group of multiple fragments is defined by a time interval.

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- 9. A method as claimed in claim 3, wherein the group of multiple fragments is defined by a number of intra-coded video frames.
- 5 10. A method as claimed in claim 1, wherein the method further comprises the step of increasing the number of fragments of data in the group as the rendering speed increases.
 - 11. An apparatus for data retrieval from a medium, comprising
- 10 means for receiving the medium;
 - a pick-up unit for retrieving data from the medium for non-real-time rendering of data by rendering non-contiguous fragments of data; and
 - a central processing unit,

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characterized in that the central processing unit is conceived to:

- 15 identify a group of multiple fragments of data for rendering;
 - select a fragment of data from the group of multiple fragments of data, the fragment of data being closest to the pick-up unit; and
 - retrieve the selected fragment of data for rendering.
- 20 12. A consumer system for presentation of audio-visual data, comprising the apparatus as claimed in claim 11.
 - 13. A record carrier comprising a computer program, characterized in that the computer program enables a computer to perform the method as claimed in claim 1.
 - 14. A programmed computer, characterized in that the computer is able to perform the method as claimed in claim 1.